

# ***Concepts for an Integrated Water Management Strategy***

---

- **Part of a broader Resources Management Strategy**
- **Address objectives for each Resource Area**
  - Ecosystem
  - Water Quality
  - Levees
  - Water Supply Reliability
- **Define linkages to broader Resources Management Strategy**

# ***Concepts for an Integrated Water Management Strategy***

---

- **Reduce rate of growth in demand**
  - Urban and Ag water conservation
  - Higher levels of water recycling
  - Higher efficiency for refuge management
- **Shifting supplies through water transfers**
  - Water transfer broker
  - Higher institution coordination
  - Improved Delta conveyance capacity
  - Water Supply Reliability

# ***Concepts for an Integrated Water Management Strategy***

---

- **Increase available Delta supplies for consumptive use, ecosystem, and water quality**
  - Watershed Management
  - Groundwater banking
  - Surface storage
  - Conjunctive management of groundwater
  - Optimized operational plans for new facilities

# ***Projected Achievements of Water Management Strategy***

---

## **Water Management Element**

### ***Water Use Efficiency***

- Urban Conservation
- Agricultural Conservation
- Recycling
- Other

### ***Water Transfer Capability***

- *Without Storage*
  - Average Year
  - Critical Year
- *With Storage*
  - Average Year
  - Critical Year

### ***Watershed Management Elements***

## **Water Supply**

### **Opportunity (taf)**

Up to 750  
125 to 200  
Up to 1000

100 to 400  
400 to 700

100 to 700  
400 to 700

*To be Determined*

Subtotal (avg year)  
Subtotal (critical year)

1975 to 2650  
2275 to 2650

# Projected Achievements of Water Management Strategy

---

## Water Management Element

## Water Supply

### *Storage and Conveyance Improvements*

### Opportunity (taf)

- Conveyance Improvements

- Average Year

150 to 350

- Crititcal Year

100 to 200

- *Offstream Storage*

- Average Year

550 to 850

- Critical Year

550 to 850

- *Groundwater Banking and Conjunctive Use*

*(Assumes New Storage)*

- Average Year

30 to 35

- Critical Year

110 to 160

Subtotal (avg year)

---

180 to 885

Subtotal (critical year)

210 to 1010

## Total For all Watershed Management Elements

(avg year)

2155 to 3535

(critical year)

2485 to 3660